

## INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 22 DEC 2004

International application No.

PCT/FI 2004/000254

## A. CLASSIFICATION OF SUBJECT MATTER

10/518553

IPC7: G06F 17/60, H04L 12/24, H04L 29/08, G06F 17/30  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G06F, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6449618 B1 (BLOTT, S M ET AL), 10 Sept 2002 (10.09.2002), column 1, line 21 - column 2, line 47, claims 1-26, abstract, cited in Application --	1-52
A	US 2002087682 A1 (ROACH, T G), 4 July 2002 (04.07.2002), paragraphs [0003]-[0025], claims 1-29, abstract --	1-52
A	US 6405251 B1 (BULLARD, W C ET AL), 11 June 2002 (11.06.2002), claims 1-22, abstract, cited in Application --	1-52

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search

10 Sept 2004

Date of mailing of the international search report

13-09-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2365686 A (HERRING, D G F), 20 February 2002 (20.02.2002), see whole document  --	1-52
A	US 2003074313 A1 (MCCONNELL, R ET AL), 17 April 2003 (17.04.2003), paragraphs [0022]-[0025], claims 1-11, abstract  --	1,24,42
P,A	US 6587125 B1 (PAROZ, D), 1 July 2003 (01.07.2003), see whole document  -- -----	1,24,42

# INTERNATIONAL SEARCH REPORT

Information on patent family members

31/07/2004

International application No.

PCT/FI 2004/000254

US	6449618	B1	10/09/2002	NONE		
US	2002087682	A1	04/07/2002	EP	1354273 A	22/10/2003
				WO	02059754 A	01/08/2002
US	6405251	B1	11/06/2002	NONE		
GB	2365686	A	20/02/2002	GB	0018864 D	00/00/0000
US	2003074313	A1	17/04/2003	AU	2876601 A	14/08/2001
				EP	1264464 A	11/12/2002
				IE	20010096 A	19/09/2001
				WO	0158110 A	09/08/2001
				IE	20000108 A	18/10/2000
US	6587125	B1	01/07/2003	AU	4679301 A	15/10/2001
				WO	0175836 A	11/10/2001